

Abstract

The invention relates to the transmission of safe process signals between input and output units in a safety system.

The object of the invention is to indicate a way in which the transmission and, in consequence, the processing of safe process information are ensured in a considerably simplified manner.

The invention therefore provides that, for transmission of safe process information, two or more process signals (S_{211} - S_{212} , S_{221} - S_{222} , S_{100}), which are detected redundantly in order to identify an event which is relevant to system safety, are converted to a single process signal (S_1 , S_{110}) for system-based further processing.